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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

<b>In re United States Patent Application of:</b>	)	<b>Docket No.:</b>	<b>4115-150-CIP-DIV</b>
	)		
<b>Applicants:</b>	)	<b>Conf. No.:</b>	<b>7909</b>
<b>BRYANT, et al.</b>	)		
	)		
<b>Application No.:</b>	)	<b>Art Unit:</b>	<b>1632</b>
<b>10/645,451</b>	)		
<b>Date Filed:</b>	)	<b>Examiner:</b>	<b>Marcia Stephens Noble</b>
<b>August 21, 2003</b>	)		
	)		
<b>Title:</b>	)	<b>Customer No.:</b>	<b>23448</b>
<b>HIV AND CD4 TRANSGENIC</b>	)		
<b>ANIMALS AND USES</b>	)		
<b>THEREFOR</b>	)		
	)		
	)		
	)		
	)		

**FACSIMILE TRANSMISSION CERTIFICATE**

**ATTN: Examiner Marcia Stephens Noble**

**Fax No. (571) 273-8300**

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Number of Pages

Steven J. Hultquist

February 13, 2007

Date

**AMENDMENT AND RESPONSE TO FINAL OFFICE ACTION MAILED DECEMBER  
13, 2006 IN U.S. PATENT APPLICATION NO. 10/645,451**

Mail Stop AF  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

In response to the Office Action mailed December 13, 2006, please enter this Amendment and Response into the file of the above-identified application.

Amendments to the claims are set out beginning on page 3 hereof.

Reconsideration of the application in view of the amendments to the specification and claims, and the ensuing remarks beginning on page 7 hereof, is respectfully requested.

**THE REMAINDER OF THIS PAGE IS INTENTIONALLY LEFT BLANK**